

# OMRON

# Product Discontinuation Notices

January 5, 2012

**RFID Systems** 

No. 2012020E

# Discontinuation Notice of CIDRW system amplifier unit model V640-HAM12

#### **Product Discontinuation**

**Recommended Replacement** 



V640-HAM12



V640-HAM11-L

Discontinuation date: The end of October, 2012

#### Caution on recommended replacement

The difference points are as follows;

- Dimensions and Mounting Dimensions

- Case material

V640-HAM12 : SECC (steel plate) V640-HAM11-L : PC / ABS resin - Fixation Screw type at RS-232C connector

V640-HAM12 : #4-40

V640-HAM11-L : metric screw M2.6

- Add the command for getting the parameter of V640 unit.
- Add the test mode with the Dip switch (9 pin).

Note) For details, please confirm the operation manual.

#### Difference from discontinued product

Model	Body Color	Dimen sions	Wire connection	Mounting Dimensions	Charact eristics	Operation ratings	Operation methods
V640-HAM11-L	**		*		**	**	**

- \*\* : Fully compatible
- \* : The change is a little/Almost compatible
- -- : Not compatible
- : No corresponding specification

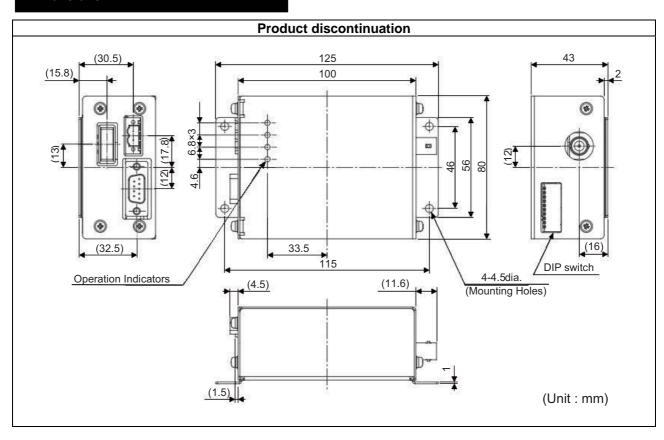
### **Product Discontinuation and recommended replacement**

Product discontinuation	Recommended replacement
V640-HAM12	V640-HAM11-L

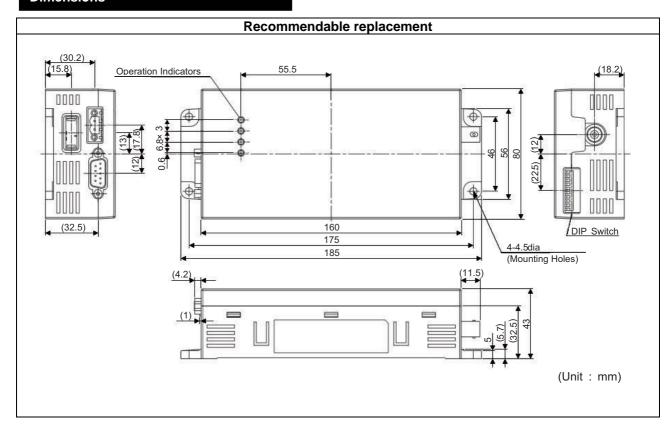
# **Body color**

Product discontinuation	Recommended replacement
Beige	Same as on the left

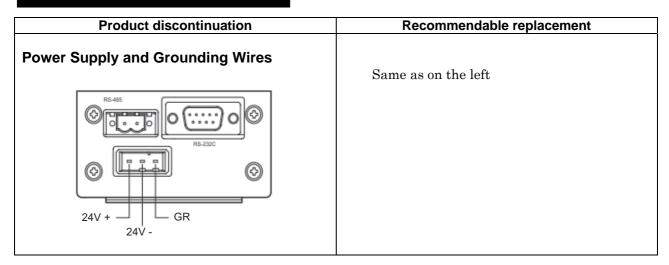
# **Dimensions**



## **Dimensions**



# **Wire Connection**

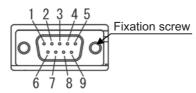


### **Wire Connection**

#### **Product discontinuation**

### Recommendable replacement

#### Connector of RS-232C

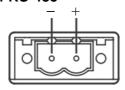


Pin No.	Signal name	Symbol	Signal Direction
1	-	NC	-
2	Receive data	RD	Input
3	Send data	SD	Output
4	-	NC	-
5	Signal ground	SG	-
6	-	NC	-
7	Request send	RS	Output
8	Send enable	CS	Input
9	-	NC	-

Note) Fixation screw: #4-40

Pin arrangement : Same as on the left Fixation screw : metric screw M2.6

#### **Connector of RS-485**



**Function** Name Connect to the minus line of another Amplifier Unit. Connect to the plus line of another **Amplifier Unit** 

Same as on the left

### **Mounting dimensions**

Product discontinuation	Recommended replacement		
See "Dimensions".	See "Dimensions".		

# Characteristics

ltem	Product discontinuation Model V640-HAM12	Recommended replacement Model V640-HAM11-L
Power supply voltage	24 VDC +10% -15%	Same as on the left
Current consumption	400 mA max.	Same as on the left
Ambient temperature	Operating: 0 to +40 °C Storage : -15 to +65 °C ( with no icing )	Same as on the left
Ambient humidity	Operating / Storage : 35% to 85% ( with no condensation )	Same as on the left
Degree of protection	IP20 ( IEC60529 standard )	Same as on the left
Insulation resistance	20MΩ min. between power supply terminals and the frame ground terminal (100 VDC M)	Same as on the left
Dielectric strength	Leak current not to exceed 5 mA on application of 1000 VAC (50/60 Hz for 1 minute) between both power supply terminals and the frame ground terminal	Same as on the left
Vibration resistance	Frequency: 10 to 150 Hz; double amplitude: 0.20 mm; acceleration: 15 m/s² for 8 minutes, 10 times each in X, Y, and Z directions	Same as on the left
Shock resistance	Shock of 150m/s² in X, Y, and Z directions, 3 times each for 18 repetitions	Same as on the left
Ground	Ground to 100 Ω or less.	Same as on the left
Case material	SECC	PC/ABS resin
Weight	Approx. 400g	Approx. 250g
CIDRW Head	Model V640-HS62	Same as on the left